

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
 St. Paul, Minnesota
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DIVISION: AUTOMOTIVE AFTERMARKET
 TRADE NAME:

3M(TM) Prep and Blend, P.N. 06014, 06015
 ID NUMBER/U.P.C. :
 60-9800-2225-9 00-51131-06014-2 60-9800-2940-3 00-51131-06015-9
 ISSUED: February 23, 2001
 SUPERSEDES: August 29, 2000
 DOCUMENT: 06-6351-8

1. INGREDIENT	C.A.S. NO.	PERCENT
WATER.....	7732-18-5	60.0 - 70.0
TRIPOLI.....	1317-95-9	10.0 - 30.0
LAURYL DIMETHYLAMINE OXIDE.....	1643-20-5	5.0 - 10.0
HYDROTREATED HEAVY NAPHTHA (PETROLEUM)..	64742-48-9	1.0 - 5.0
HEAVY ALKYLATE NAPHTHA (PETROLEUM).....	64741-65-7	1.0 - 5.0
HYDROTREATED LIGHT PETROLEUM DISTILLATES.....	64742-47-8	1.0 - 5.0
ALCOHOLS, C12-14-SECONDARY, ETHOXYLATED.	84133-50-6	1.0 - 5.0
PROPYL ALCOHOL.....	71-23-8	1.0 - 5.0
MORPHOLINE.....	110-91-8	< 1.0

The components of this product are in compliance with the chemical
 notification requirements of TSCA. All applicable chemical
 ingredients in this material are listed on the European Inventory of
 Existing Chemical Substances (EINECS), or are exempt polymers whose
 monomers are listed on EINECS.

2. PHYSICAL DATA

BOILING POINT:..... > 95 F
 VAPOR PRESSURE:..... N/A
 VAPOR DENSITY:..... N/A
 EVAPORATION RATE:..... N/A
 SOLUBILITY IN WATER:..... N/A
 SPECIFIC GRAVITY:..... 1.0 - 1.2 Water=1
 PERCENT VOLATILE:..... 60 - 80 %
 pH:..... N/D

Abbreviations: N/D - Not Determined N/A - Not Applicable CA - Approximately

2. PHYSICAL DATA (continued)

VISCOSITY:..... 8000 - 14000 centipoise
MELTING POINT:..... N/A

APPEARANCE AND ODOR:
Liquid, Grey Color

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... 131 F
FLAMMABLE LIMITS - LEL:..... N/D
FLAMMABLE LIMITS - UEL:..... N/D
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:
Water spray, Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:
Wear full protective clothing, including helmet, self-contained,
positive pressure or pressure demand breathing apparatus, bunker coat
and pants, bands around arms, waist and legs, face mask, and
protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
None known.

NFPA HAZARD CODES: HEALTH: 2 FIRE: 2 REACTIVITY: 0
UNUSUAL REACTION HAZARD: none

OSHA FIRE HAZARD CLASS: Class II Combustible Liquid

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:
Strong Oxidizing Agents.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon Monoxide and Carbon Dioxide, Toxic Vapors, Gases or
Particulates.

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5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Ventilate area. Extinguish all ignition sources. Contain spill. Evacuate unprotected personnel from hazard area. Cover with absorbent material. Collect using non-sparking tools. Clean up residue with an appropriate organic solvent. Read and follow safety precautions on the solvent label and MSDS. Place in an approved metal container. Seal the container.

RECOMMENDED DISPOSAL:

Incinerate in a permitted hazardous waste incinerator. Disposal alternative: Dispose of completely absorbed waste product in a hazardous waste facility.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: 0.47 lb/gal calculated per SCAQMD rule 443.1.
Volatile Organic Compounds: 57 gms/liter calculated per SCAQMD rule 443.1.
VOC Less H2O & Exempt Solvents: 188 gms/liter calculated per SCAQMD rule 443.1.

Since regulations vary, consult applicable regulations or authorities before disposal. In the event of an uncontrolled release of this material, the user should determine if the release qualifies as a reportable quantity. U.S. EPA Hazardous Waste Number = D001 (Ignitable)

EPCRA HAZARD CLASS:

FIRE HAZARD: Yes PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: Yes

6. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with large amounts of water. Get immediate medical attention.

SKIN CONTACT:

Flush skin with large amounts of water. If irritation persists, get medical attention.

INHALATION:

If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

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6. SUGGESTED FIRST AID (continued)

IF SWALLOWED:

Do not induce vomiting. Drink two glasses of water. Call a physician.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact. Wear vented goggles. Wear safety glasses with side shields.

SKIN PROTECTION:

Avoid prolonged or repeated skin contact. Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: neoprene, nitrile rubber.

RECOMMENDED VENTILATION:

Use in a well-ventilated area. Provide sufficient ventilation to maintain emissions below recommended exposure limits. If exhaust ventilation is not adequate, use appropriate respiratory protection.

RESPIRATORY PROTECTION:

Avoid prolonged breathing of vapors. Avoid breathing of dust created by cutting, sanding or grinding. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask dust respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Wash hands after handling and before eating. Do not ingest.

RECOMMENDED STORAGE:

Keep container closed when not in use. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed. Keep away from heat, sparks, open flame, and other sources of ignition. Combustible liquid and vapor.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
WATER.....	NONE	NONE	NONE	NONE	
TRIPOLI.....	0.1	MG/M3	TWA	ACGIH	
		RESPIRABLE			
TRIPOLI.....	0.1	MG/M3	TWA	OSHA	
		RESPIRABLE			
LAURYL DIMETHYLAMINE OXIDE.....	NONE	NONE	NONE	NONE	
HYDROTREATED HEAVY NAPHTHA					

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
(PETROLEUM).....	100	PPM	TWA	3M	
HYDROTREATED HEAVY NAPHTHA (PETROLEUM).....	300	PPM	TWA	CMRG	
HEAVY ALKYLATE NAPHTHA (PETROLEUM)...	300	PPM	TWA	CMRG	
HEAVY ALKYLATE NAPHTHA (PETROLEUM)...	400	PPM	STEL	CMRG	
HYDROTREATED LIGHT PETROLEUM DISTILLATES.....	300	PPM	TWA	CMRG	
ALCOHOLS, C12-14-SECONDARY, ETHOXYLATED.....	NONE	NONE	NONE	NONE	
PROPYL ALCOHOL.....	200	PPM	TWA	ACGIH	Y
PROPYL ALCOHOL.....	250	PPM	STEL	ACGIH	Y
PROPYL ALCOHOL.....	200	PPM	TWA	OSHA	
PROPYL ALCOHOL.....	250	PPM	STEL	OSHA	
MORPHOLINE.....	20	PPM	TWA	ACGIH	Y
MORPHOLINE.....	20	PPM	TWA	OSHA	Y
MORPHOLINE.....	30	PPM	STEL	OSHA	Y

* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- 3M: 3M Recommended Exposure Guidelines
- ACGIH: American Conference of Governmental Industrial Hygienists
- CMRG: Chemical Manufacturer Recommended Exposure Guidelines
- OSHA: Occupational Safety and Health Administration
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

Moderate Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

SKIN CONTACT:

Moderate Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, itching, and dryness.

May be absorbed through the skin and produce effects similar to those caused by inhalation and/or ingestion.

INHALATION:

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

Prolonged or repeated overexposure, above recommended guidelines, may

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8. HEALTH HAZARD DATA (continued)

cause:

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

Silicosis: signs/symptoms can include shortness of breath and persistent coughing.

IF SWALLOWED:

Ingestion may cause:

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

CANCER:

WARNING: Contains a chemical which can cause cancer. (1317-95-9)
(IARC 1 - human carcinogen, Calif. Proposition 65)

SECTION CHANGE DATES

INGREDIENTS	SECTION CHANGED SINCE August 29, 2000	ISSUE
PRECAUTIONARY INFO.	SECTION CHANGED SINCE August 29, 2000	ISSUE
HEALTH HAZARD DATA	SECTION CHANGED SINCE August 29, 2000	ISSUE

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